



CONSTRUCTION EQUIPMENT

SWO-065063 VOLVO A45G 352734 - REAR AXLE



Sample No: VCP426198
Oil Type: NOT GIVEN
Job No: SWO-065063



SAMPLE INFORMATION

Sample Number	VCP426198	VCP382604	VCP380789	VCP383716
Sample Date	21 Aug 2023	27 Apr 2023	17 Jan 2023	12 Oct 2022
Machine Hours	3997	3463	2987	2471
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

Contact: STEPHANI BRITTON
 sbritton@saiia.com;doug.bogart@wearcheck.com
 T: (205)943-2268
 F: (205)943-2269



OIL CONDITION

Visc @ 40°C	cSt	49.4	49.4	49.6	49.5
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CONTAMINATION

Silicon	ppm	3	4	2	4
Sodium	ppm	2	0	2	1
Potassium	ppm	4	6	4	3



WEAR METALS

Iron	ppm	203	333	92	249
Copper	ppm	2	2	3	2
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	0	<1	<1
Chromium	ppm	3	5	1	4
Molybdenum	ppm	1	4	1	3
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	8	12	6	11
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	132	120	112	108
Magnesium	ppm	4	1	2	<1
Zinc	ppm	56	57	59	52
Phosphorus	ppm	2442	2337	2260	2360
Barium	ppm	0	0	<1	0
Boron	ppm	262	261	241	256

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: SAIBIR
Unique No: 10622845
Signed: Don Baldrige
Report Date: 30 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

